

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,367
Source: LF-420
Date Processed by STIC: 08/11/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 08/11/2006

PATENT APPLICATION: US/10/526,367

TIME: 10:42:04

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\08112006\J526367.raw

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3 <110> APPLICANT: University of Sussex
5 <120> TITLE OF INVENTION: Fiber-shaping peptides capable of interacting with
6   self-assembling peptides
8 <130> FILE REFERENCE: P509045PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/526,367
C--> 11 <141> CURRENT FILING DATE: 2005-03-03
13 <150> PRIOR APPLICATION NUMBER: GB 0220805.6
14 <151> PRIOR FILING DATE: 2002-09-06
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 28
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial
25 <220> FEATURE:
26 <223> OTHER INFORMATION: peptide SAF-p1
28 <400> SEQUENCE: 1
30 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile
31 1           5           10           15
34 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln
35           20           25
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 28
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial
43 <220> FEATURE:
44 <223> OTHER INFORMATION: peptide SAF-p2a
46 <400> SEQUENCE: 2
48 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Gln Glu Ile
49 1           5           10           15
52 Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu Gln
53           20           25
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 17
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial
61 <220> FEATURE:
62 <223> OTHER INFORMATION: fibre-shaping peptide
65 <220> FEATURE:
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: (14)..(16)
68 <223> OTHER INFORMATION: Xaa is bAla
70 <400> SEQUENCE: 3

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W--> 72 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Xaa Xaa Xaa
      73 1           5           10           15
      76 Lys
      80 <210> SEQ ID NO: 4
      81 <211> LENGTH: 16
      82 <212> TYPE: PRT
      83 <213> ORGANISM: Artificial
      85 <220> FEATURE:
      86 <223> OTHER INFORMATION: fibre-shaping peptide
      89 <220> FEATURE:
      90 <221> NAME/KEY: misc_feature
      91 <222> LOCATION: (14)..(16)
      92 <223> OTHER INFORMATION: Xaa is bAla
      94 <400> SEQUENCE: 4
W--> 96 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Xaa Xaa Xaa
      97 1           5           10           15
      100 <210> SEQ ID NO: 5
      101 <211> LENGTH: 18
      102 <212> TYPE: PRT
      103 <213> ORGANISM: Artificial
      105 <220> FEATURE:
      106 <223> OTHER INFORMATION: fibre-shaping peptide
      109 <220> FEATURE:
      110 <221> NAME/KEY: misc_feature
      111 <222> LOCATION: (2)..(4)
      112 <223> OTHER INFORMATION: Xaa is bAla
      114 <400> SEQUENCE: 5
W--> 116 Glu Xaa Xaa Xaa Glu Ile Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu
      117 1           5           10           15
      120 Glu Gln
      124 <210> SEQ ID NO: 6
      125 <211> LENGTH: 17
      126 <212> TYPE: PRT
      127 <213> ORGANISM: Artificial
      129 <220> FEATURE:
      130 <223> OTHER INFORMATION: fibre-shaping peptide
      133 <220> FEATURE:
      134 <221> NAME/KEY: misc_feature
      135 <222> LOCATION: (1)..(3)
      136 <223> OTHER INFORMATION: Xaa is bAla
      138 <400> SEQUENCE: 6
W--> 140 Xaa Xaa Xaa Glu Ile Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu
      141 1           5           10           15
      144 Gln
      148 <210> SEQ ID NO: 7
      149 <211> LENGTH: 29
      150 <212> TYPE: PRT
      151 <213> ORGANISM: Artificial
      153 <220> FEATURE:

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Input Set : A:\sequence listing.txt

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154 <223> OTHER INFORMATION: peptide SAF-p2

156 <400> SEQUENCE: 7

158 Lys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Leu Lys Gln Glu

159 1 5 10 15

162 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln

163 20 25

166 <210> SEQ ID NO: 8

167 <211> LENGTH: 27

168 <212> TYPE: PRT

169 <213> ORGANISM: Artificial

171 <220> FEATURE:

172 <223> OTHER INFORMATION: self-assembling peptide

174 <400> SEQUENCE: 8

176 Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Gln Glu Ile Ala

177 1 5 10 15

180 Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu Gln

181 20 25

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/526,367

DATE: 08/11/2006
TIME: 10:42:05

Input Set : A:\sequence listing.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 14, 15, 16
Seq#:4; Xaa Pos. 14, 15, 16
Seq#:5; Xaa Pos. 2, 3, 4
Seq#:6; Xaa Pos. 1, 2, 3

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8

VERIFICATION SUMMARY

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Input Set : A:\sequence listing.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0